

**REMARKS**

First, Applicants thank the Examiner for discussing the drawings objections with the undersigned. See enclosed Statement of Substance of Interview.

Applicants thank the Examiner for agreeing to withdraw the drawing objections, as indicated in the Examiner's Interview Summary dated October 4, 2007.

As a preliminary matter, the Abstract is objected to based on the reasons set forth on page 2 of the Office Action. Applicants amend the Abstract, as indicated herein, and Applicants believe that the Examiner's objection to the Abstract is obviated.

Claim 1 is objected to at least based on reasons set forth on page 4 of the Office Action. Applicants believe that the Examiner's objection to claim 1 is obviated.

Claims 1-16 are all the claims pending in the present application. Claims 1-6 and 10-15 are rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Yano et al. (U.S. Patent No. 7,123,599). Claims 1-4, 6-13 and 15-16 are rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Takeda et al. (U.S. Patent Appln. Pub. No. 2004/0105420).

**§102(e) Rejections (Yano) - Claims 1-6 and 10-15**

Claims 1-6 and 10-15 are rejected over Yano based on the reasons set forth on pages 4-8 of the present Office Action. Applicants traverse these rejections at least based on the following reasons.

A brief description of Yano is as follows.

Yano is directed to a mobile data communication system capable of shortening the interruption time of communication. The mobile data communication system includes a home agent HA device, advertising routers, base stations, routers, and mobile terminal devices. Each base station advertises an address having "1" set in a different bit of an interface ID of a routing

address. When a mobile terminal has received radio waves from a plurality of base stations in the vicinity of a boundary between cells, the mobile terminal combines a plurality of received routing addresses by logical summation and registers a resultant routing address with the HA device. As for a packet delivered from the HA device to the routing address and having "1" in a plurality of bits of the host section, a router resolves the address of the host section into destination addresses each having "1" in one bit, generates packets each having one of the resultant addresses, and transmits the generated packets. *See Abstract to Yano.*

With respect to independent claim 1, Applicants submit that Yano does not disclose or suggest at least, "one or more access points, each access point allocating an Internet Protocol (IP) address to a mobile host in a management range thereof by using the prefix information of the gateway," as recited in claim 1. First, the Examiner identifies Fig. 1, block 105 as allegedly corresponding to the one or more access points. Block 105 corresponds to a mobile terminal and is not an access point. Further, the Examiner has not identified an access point in Yano, but has only identified a gateway, which the Examiner alleges corresponds to home agent device 101 in Fig. 1, and a mobile terminal. Therefore, clearly the Examiner and Yano does not identify an access point that allocates an internet protocol address to a mobile host by using the prefix information of a gateway. The Examiner cites col. 3, lines 14-27 as allegedly satisfying the feature of the access point allocating an IP address to a mobile host, however, this portion of Yano only discloses a home agent/gateway, not an access point, assigning a care of address to a mobile terminal that has left its home network.

Yet further, with respect to claim 1, Applicants submit that Yano does not disclose or suggest at least, "wherein said each access point produces and sends a Binding Update list corresponding to the mobile host to the gateway," as recited in claim 1. The Examiner cites col.

8, lines 62-67 and col. 9, lines 3-10 as allegedly satisfying the above emphasized feature of claim

1. Since the Examiner has not identified an access point, clearly Yano does not disclose or suggest an access point producing and sending a binding update list corresponding to a mobile host to a gateway. The Examiner has only identified a mobile host and an alleged gateway, however the Examiner has not shown that Yano includes an access point that produces and sends a binding update list corresponding to a mobile host to a gateway. In other words, the Examiner has not identified the three separate components of a gateway, access point, and mobile node in Yano and their attendant features. Yet further, the cited portions of Yano do not even discuss the sending of a binding update list; Yano only discusses that a home agent device receives an update packet from a mobile terminal. Therefore, at least because the above discussed features are not satisfied by Yano, Applicants submit that Yano does not anticipate claim 1.

Applicants submit that dependent claims 2-6 are patentable at least by virtue of their dependency from independent claim 1.

Further, with respect to claim 2, Applicants submit that Yano does not disclose or suggest at least, "an access point corresponding to the destination address decapsulates the encapsulated packet sent from the gateway," as recited in claim 2. The portions of Yano which allegedly disclose the feature of claim 2 only discuss that a mobile node decapsulates an encapsulated packet, but there is no teaching of an access point decapsulating an encapsulated packet.

Further, with respect to claim 3, Applicants submit that Yano does not anticipate this claim at least based on reasons similar to those set forth above with respect to claim 2. That is, the Examiner identifies a mobile terminal as having the attributes that are ascribed to an access point in claim 3. The mobile terminal and access point are different elements.

Further, with respect to claim 5, the Examiner cites col. 7, lines 26-27 and col. 10, lines 44-45 of Yano as allegedly satisfying the features of claim 5. The cited portions of Yano only discuss that a routing table of a router is set to transfer packets having the same prefix, however, there is no discussion in either of the cited sections of Yano that the IP addresses for the mobile hosts have the same prefix information.

With respect to independent claim 10, Applicants submit that this claim is patentable at least based on reasons similar to those set forth above with respect to claim 1.

Applicants submit that dependent claims 11-15 are patentable at least by virtue of their indirect or direct dependency from claim 10.

Further, with respect to claim 12, Applicants submit that this claim is patentable at least based on reasons similar to those set forth above with respect to claim 3.

Further, with respect to claim 14, Applicants submit that this claim is patentable at least based on reasons similar to those set forth above with respect to claim 5.

At least based on the foregoing, Applicants submit that Yano does not anticipate claims 1-6 and 10-15.

§102(e) Rejections (Takeda) - Claims 1-4, 6-13, and 15-16

Claims 1-4, 6-13 and 15-16 are rejected based on the reasons set forth on pages 8-13 of the present Office Action.

Applicants perfect priority under 35 U.S.C. § 119, and request removal of Takeda as a prior art reference. Takeda has a filing date of July 10, 2003, which is after the filing date of KPA 10-2003-0027310 (April 29, 2003), from which the present application claims benefit of priority. To perfect priority, Applicants submit herewith a verified English language translation of priority document KPA 10-2003-0027310, and a statement that the translation is accurate.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

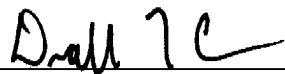
Respectfully submitted,

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

  
Diallo T. Crenshaw  
Registration No. 52,778

Date: November 2, 2007